

AMENDMENTS TO THE SPECIFICATION:

Please delete the paragraph on page 18, lines 20-25 and replace it with the following paragraph:

--Fig. 2 illustrates the building experimental scheme of a DNA vector for the targeted insertion of a nucleic acid of interest into human cells, the pGT-Rev1 vector. In the pGT-Rev1 vector, the nucleic acid of interest is the Rev1 nucleic acid coding a human polymerase, having its sequence disrupted by a marker gene, herein the Zeocin resistance gene or the Blasticidin resistance gene (SEQ ID NOS 1-2, 10, 4-6, 11, and 8-9 disclosed respectively in order of appearance).--